



UTILITY PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.:	09/780,741	Confirmation No.:	6941
Applicant:	Robert Beach	Filed:	February 9, 2001
TC/A.U.:	2664	Examiner:	Shah, Chirag G.
Docket No.:	931X	Customer No.:	29,906

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Commissioner:

In accordance with 37 C.F.R. 1.56 and in a manner prescribed by 37 C.F.R. 1.97 and 1.98, this Information Disclosure Statement (IDS) is being submitted herewith for consideration by the United States Patent and Trademark Office (Office).

I. CONTENT

This IDS includes:

a) A list of all patents, publications, applications, or other information submitted for consideration by the Office on PTO/SB/08A Form, which is included herewith, including Patents, publications, applications, or other information, including materials that were previously submitted for consideration by the Office and to the best of Applicant's knowledge have not been acknowledge by the Office with the Examiner's initials indicating that the reference has been considered by the Examiner. **Therefore, the Examiner is respectfully requested to initial all references provided on the PTO/SB/08A Form included herewith.**

b) If required, a legible copy of: (i) each foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) each cited pending U.S. application, the application specification including claims, and any drawing of the application, or that portion of the application which caused it to be listed including any claims directed to that portion; and (iv) all other information or that portion which caused it to be listed, unless subsequently provided in this IDS.

II. CONCISE EXPLANATION OF THE RELEVANCE

Except as may be subsequently indicated in this section II, a concise explanation is not required as all of the patents, publications, applications or other information are in the English language, or the degree of relevance of each is indicated in the English language version of the International Search Report, which accompanies this IDS.

A copy of the translation of a non-English Language document, or portion thereof is enclosed with this IDS (e.g., a translation of an abstract).

III. THIS IDS IS BEING FILED UNDER 37 C.F.R. 1.97(c):

After the period specified in 37 C.F.R. 1.97(b) and before the mailing date of any of a final action under 1.113, a notice of allowance under 1.311 or an action that otherwise closes prosecution in the application, and accompanied by the fee set forth in 1.17(p).

IV. CONCLUSION


It is respectfully submitted that the claims presently on file patently distinguish the present invention from each of these references cited in this IDS. The references cited in this IDS are being cited only in the interests of candor and without any admission that they constitute statutory prior art or contain matter which anticipates the invention or which would render the same obvious, either singly or in a combination, to a person of ordinary skill in the art. Furthermore the filing of this IDS should not be construed to be an admission that the information cited in this IDS is, or is considered to be, material to patentability as defined in 37 C.F.R. 1.56(b). In addition, the filing of this IDS should not be construed as a representation that a search has been made.

If the Examiner has any questions concerning these IDS, the Examiner is requested to contact the undersigned at the telephone number associated with Customer No. 29,906. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule, with a petition if necessary, and charge the appropriate fee to Deposit Account No. 50-2091.

Please charge any additional fees or credit any overpayment related to this IDS to Deposit Account No. 50-2091.

Respectfully submitted,

Date: 05/11/06

By: 
Timothy J. Lorenz
Reg. No. 41,954

Ingrassia Fisher & Lorenz
Customer Number 29906

Enclosures: ☒ PTO/SB/08A
☒ References
☐ Foreign Search Report
☐ Fee
☐ Other: _____



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

Complete if Known

Application Number	09/780,741
Filing Date	02/09/2001
First Named Inventor	Beach
Group Art Unit	2664
Examiner Name	Shah, Chirag G.
Attorney Docket Number	931X

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number				
		US-5239673		Natarajan	08-24-1993	
		US-5371738		Moelard , et al.	12-06-1994	
		US-5432814		Hasegawa	07-11-1995	
		US-5457557		Zarem, et al.	10-10-1995	
		US-5461627		Rypinski	10-24-1995	
		US-5490139		Akagiri	02-06-1996	
		US-5502726		Fischer	03-26-1996	
		US-5504746		Meier	04-02-1996	
		US-5506887		Emery, et al.	04-09-1996	
		US-5602843		Gray	02-11-1997	
		US-5610972		Emery, et al.	03-11-1997	
		US-5623495		Eng, et al.	04-22-1997	
		US-5636220		Vook, et al.	06-03-1997	
		US-5668803		Tymes , et al.	09-16-1997	
		US-5717737		Doviak, et al.	02-10-1998	
		US-5734963		Fitzgerald, et al.	03-31-1998	
		US-5737328		Norman, et al.	04-07-1998	
		US-5758281		Emery, et al.	05-26-1998	
		US-5765112		Fitzgerald, et al.	06-09-1998	
		US-5768531		Lin	07-16-1998	
		US-5771353		Eggleston, et al.	06-23-1998	
		US-5796729		Greaney, et al.	08-18-1998	
		US-5835696		Hess	11-10-1998	
		US-5852405		Yoneda, et al.	12-22-1998	
		US-5870385		Ahmadi, et al.	02-09-1999	
		US-5873085		Enoki, et al.	02-16-1999	
		US-5875186		Belanger, et al.	02-23-1999	
		US-5881094		Schilling	03-09-1999	
		US-5889816		Agrawal, et al.	03-30-1999	
		US-5918181		Foster, et al.	06-29-1999	
		US-5946617		Portaro, et al.	08-31-1999	
		US-5974034		Chin, et al.	10-26-1999	
		US-5999295		Vowell, et al.	12-07-1999	
		US-6005884		Cook, et al.	12-21-1999	
		US-6011975		Emery, et al.	01-04-2000	
		US-6088346		Du, et al.	07-11-2000	
		US-6119162		Li, et al.	09-12-2000	
		US-6137797		Bass, et al.	10-24-2000	
		US-6140911		Fisher, et al.	10-31-2000	
		US-6154461		Sturniolo, et al.	11-28-2000	
		US-6213942		Flach, et al.	04-10-2001	
		US-6272120		Alexander	08-07-2001	
		US-6301618		Sitaraman, et al.	10-09-2001	
		US-6359873		Kobayashi	03-19-2002	



US-6393261	Lewis	05-21-2002
US-6400722	Chuah, et al.	06-04-2002
US-6414950	Rai, et al.	07-02-2002
US-6415323	McCanne, et al.	07-02-2002
US-6473449	Cafarella, et al.	10-29-2002
US-6496499	Hamilton, et al.	12-17-2002
US-6590884	Panasik	07-08-2003
US-6590885	Jorgensen	07-08-2003
US-6717926	Deboille, et al.	04-0620-04
US-6724730	Mlinarsky, et al.	04-20-2004
US-6751250	Kirke, et al.	06-15-2004
US-6760859	Kim, et al.	07-06-2004
US-2001/0055283	Beach	12-27-2001
US-2002/0099972	Walsh, et al.	07-25-2002
US-2002/0196763	Reynolds, et al.	12-26-2002
US-2003/0105865	McCanne, Steven ; et al.	06-05-2003
US-2003/0112820	Beach, Robert	06-19-2003
US-2005/0028032	Klein	02-03-2005
US-2005/0157690	Frank, et al.	07-21-2005
US-2005/0226181	Beach, Robert	10-13-2005

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴				
			EP0696117	IBM	02-07-1996		
			EP0817096	TEXAS INST. INC	01-07-1998		
			WO 93/07684	SEXTTEL SPA	04-15-1993		
			WO 95/05720	NOKIA TELECOMMUNICATIONS	02-23-1995		
			WO 96/23377	INTERCOM INC	01-18-1996		
			WO 97/21316	MOTOROLA LIMITED	06-12-1997		
			WO 04/107174	SYMBOL TECH INC	12-09-2004		
			WO 04/107638 (Same as US application Serial No. 10/856,157)	SYMBOL TECH INC	12-09-2004		
			GB 2 320 647	MOTOROLA LIMITED	06-24-1998		

NON PATENT LITERATURE DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Proxim, Inc., White Paper, "What is a Wireless LAN"
	Rypinski, Chandos "Motivation for Centralized LAN Functions," Personal, Indoor and Mobile Radio Communications, 1992. Proceedings, PIMRC '92, Third IEEE International Symposium on Boston, MA, USA 19-21, Oct. 1992, New York, NY, USA, IEEE, US, 19 October 1992, pages 153-158, ISBN: 0-7803-0841-7

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.